

Minh Quoc Vo

SOFTWARE ENGINEER / FULL-STACK DEVELOPER

Adelaide, SA | 0483804561 | Maxvo.Dev@Gmail.com | [Github](#) | [LinkedIn](#) | [Website](#)

Professional Summary

Eager and resourceful Software Developer, specializing in C#, TypeScript, and JavaScript. Experienced in full-stack development with React, Angular, .NET, and Node from professional work experiences. Known for strong problem-solving abilities and a collaborative work ethic, I am passionate about creating user-centric software solutions and continuously advancing my technical skills in a dynamic team environment.

Skills

Programming: C#, Python, JavaScript, TypeScript, HTML5, CSS3, SQL, Solidity

Frameworks: React, Angular, Node, .NET, .NET CORE API, Tailwind CSS, SASS

Tools & Other: Git, CI/CD, JIRA, OpenAI

Architecture: Microservices, Serverless

Soft skills: Analytical and Problem-Solving, Willingness to Learn, Collaboration

Professional Experience

Freelance Work & Travel

Adelaide - Australia, Oct 2022 - Present

- Joined freelancer platforms and worked remotely as a developer during my working holiday in Australia.
- Specialized in creating bots, web applications, and occasional smart contracts in Solidity.
- Enjoyed the flexibility of remote work, balancing professional commitments with exploration and experiences in Australia.

Web Developer

Starfish Software Company Limited, Viet Nam, Jan 2020 – May 2022

NODEJS, JAVASCRIPT, TYPESCRIPT, REACT/ANGULAR, HTML, CSS, TAILWINDCSS, GIT, CI/CD, JIRA

- Worked collaboratively with a team of 10 developers in the design and development of the front-end aspects of an online crime reporting website with future support for multitenancy.
- Integrating front-end components for audit logs functionality to monitor user actions, ensuring transparency and accountability in report processing.
- Working closely with a multidisciplinary team to create a fully mobile-responsive front-end, enabling seamless access for public users to report crimes anonymously and upload media.
- Implementing front-end functionalities for permissions management and report statistics, providing administrators and stakeholders with comprehensive insights and functionality.
- Optimized the old codebase, resulting in a 20% increase in website speed.

Junior Web Developer

DXC Technology, Viet Nam, Sep 2018 – Nov 2019

JAVASCRIPT, TYPESCRIPT, REACT/ANGULAR, HTML, CSS, SASS, GIT, CI/CD, JIRA

- Collaborated closely with cross-functional teams to translate UI/UX designs into functional front-end code, maintaining code quality and adherence to design standards. Translated UI / UX designs wireframes from Figma into functional front-end code.
- Engineered fully responsive, user-friendly web applications using tools such as JavaScript frameworks for ReactJS, AngularJS.
- Constructed various Angular Libraries for the development team to use in different projects.

Side Projects

Restore - E-Commerce Store with .NET, React, and Redux

.NET CORE API, ENTITY FRAMEWORK, STRIPE, REACT, REDUX, HTML, CSS, TAILWINDCSS, MATERIAL UI

As part of my Master of IT program in Adelaide, I led a four-person team in developing a fully operational E-commerce website using .NET Core, Entity Framework, React, and Redux.

This project enhanced my understanding of these technologies and allowed me to refine my skills in configuring development environments, creating APIs with .NET WebAPI, and managing application state using Redux.

Text to Video using AI Voice with GUI

PYTHON, FFMPEG, TKINTER, TEXT-TO-SPEECH

I developed a Python application aimed at seamlessly transforming textual input into captivating videos with integrated subtitles. Leveraging robust libraries including MoviePy and PyDub for video and audio manipulation, this application offers a user-friendly experience through a Tkinter-based graphical interface. Key features of this project include:

- Utilizing an API endpoint to convert textual input into speech.
- Skillfully embedding the synthesized speech as subtitles onto a chosen background video.
- Offering a straightforward and intuitive graphical interface, ensuring ease of use for all users.

Visa Application Assistance Bot

PYTHON, TINKER, SELENIUM, AWS LAMBDA, TWILIO, TELEGRAM API

- Developed an automated bot to streamline and optimize the visa application process, utilizing Python, Selenium, and AWS Lambda, demonstrating proficiency in web automation and cloud-based deployment.
- Implemented advanced features, including CAPTCHA solving and real-time notifications via Twilio and Telegram, enhancing user experience and application success rates.
- Engineered the bot to efficiently handle and process user data, ensuring accuracy and reliability in application submissions, and showcasing strong skills in data handling and user privacy considerations.

BOT – Agecare Shift Sniper

PYTHON, TINKER, TWILIO, TELEGRAM API

I created a Python program to help healthcare workers grab shifts more easily from a specific website. It uses Python and different tools like BeautifulSoup, requests, and threading to find, sort, and understand shift information on the site.

- Shift Sniping: Automatically catches shifts that fit certain criteria, like how far they are from home, how long they last, and which days they're on.
- Telegram Integration: Sends messages through Telegram to keep users updated on the program's status and any shifts it catches.
- Easy Settings: Lets users adjust settings like how far they're willing to travel, how often the program checks for shifts, and areas they don't want to work in.
- Saving Data: Keeps track of shift details, past shift lists, and user settings in simple files, so everything stays the same each time the program runs.

TextAI – Text to Video in Second

NEXTJS, HTML CSS, TAILWINDCSS, NODE, FFMPEG, AWS LAMBDA

- Developed TextAI, a cutting-edge platform that transforms text into videos, leveraging OpenAI, Node.js, AWS Lambda, FFmpeg, React, Next.js, and TailwindCSS for a comprehensive solution from text analysis to video production.
- Utilized Next.js for enhanced SEO and performance through server-side rendering, alongside React and TailwindCSS for crafting a modern, user-friendly interface.
- Integrated OpenAI for script generation and FFmpeg for video processing, with the backend powered by Node.js on AWS Lambda for efficient, scalable operations.

MaxVo.Dev

REACT, NEXTJS, HTML5, TYPESCRIPT, TAILWINDCSS, CSS3

- Developed a terminal themed portfolio website to refresh my React skills in my own time. Integrated various APIs
- Learned Tailwind CSS, NextJS and hosted my first personal website.

Education

Torrens University Australia

M.S. IN INFORMATION TECHNOLOGY

Adelaide

Feb. 2024 - Present

Ho Chi Minh University of Science

B.S. IN COMPUTER SCIENCE

Ho Chi Minh City, Viet Nam

Sep. 2013 - Sep. 2017